

Remarks/Arguments:

The present invention relates to a recording/playback apparatus. Specifically, the difference in time between a current recording position and a current playback position is displayed.

On page 2 of the Office Action, claims 1, 2, 3, 7 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Akiba (US 6,542,695 B1), in view of Sodeyama et al. (US 2002/0,191,951 A1) and further in view of Yamamoto (US 7,043,135 B2). It is respectfully submitted, however, that the claims are patentable over the art of record for the reasons set forth below.

Akiba teaches a video signal recording/reproduction apparatus that is able to display the time difference between the video signal during reproduction and the video signal during recording. Sodeyama teaches an image recording apparatus with an on-screen display that displays time in units of hours, minutes and seconds. Yamamoto also teaches an on-screen display that displays time and units of hours, minutes and seconds.

Applicants' invention, as recited by claim 1, includes a feature which is neither disclosed nor suggested by the art of record, namely:

... an on-screen display (OSD) generator for generating and displaying a time value corresponding to said time difference ... displaying said time value in only a unit of seconds if said difference is less than one minute ... displaying said time value in only unit of minutes if the said difference is less than 60 minutes and not less than 60 seconds ... displaying said time value in only a unit of hours if said difference is not less than 60 minutes.

Claim 1 relates to an on-screen display that displays a time value that corresponds to a time difference between the current recording position and the current playback position. Specifically, the time value that corresponds to the time difference is displayed in only hours, only minutes or only seconds depending on a time range. This feature is found in the originally filed application at page 6, lines 1-22 and furthermore in Fig. 2. No new matter has been added.

In Col. 7, lines 34-37, Akiba teaches displaying the time difference between a video signal during reproduction and the video signal during recording. Akiba's teachings are similar to Applicants' claim 1 where a time difference between a playback video signal and a recorded video signal is displayed (*"displaying a time value corresponding to said time difference"*). Sodeyama and Yamamoto both teach an on-screen display that displays time in units of hours, minutes and seconds. Specifically, this feature is shown as element 76 and 78 in Fig. 7 of Sodeyama. Also, this feature is found as element 22 in Fig. 2A of Yamamoto. Applicants' teachings are different than the art of record, because the on-screen display displays the time difference value between the playback signal and the recorded signal in only hours, only minutes or only seconds depending on the time range as recited in claim 1 (*"... an on-screen display (OSD) generated for generating and displaying a time value corresponding to said time difference ... displaying said time value in only units of seconds if said difference is less than one minute ... displaying said time value in only units of minutes if said time difference is less than 60 minutes and not less than 60 seconds ... displaying said time value in only units of hours if said time difference is not less than 60 minutes."*). Applicants' on-screen display provides a method of displaying a time value in a manner that is unique to a specific time range. This feature is found on page 6, lines 1-22, (*"when being less than 60 seconds, the difference is displayed in units of seconds. When being less than 60 minutes and not less than 1 minute, the difference is displayed in unit of minutes. When being not less than 60 minutes, the difference is displayed in unit of hours."*). Fig. 2 shows a specific example of the difference being displayed in units of minutes (11 min).

It is because Applicants include the feature of *"an on-screen display (OSD) generator for generating and displaying a time value corresponding to said time difference ... displaying said time value in only units of seconds if the difference is less than one minute ... displaying said time value in only units of minutes if said difference is less than 60 minutes and not less than 60 seconds ... displaying said time value in only units of hours if said difference is not less than 60 minutes"*, that the following advantages are achieved. Advantage is the ability to change the format of the time displayed depending on a specific time range. Accordingly, for the reasons set forth above, claim 2 is patentable over the art of record.

Claim 5 which was previously withdrawn has been amended in a similar manner to claim 1. Thus, claim 5 is also patentable over the art of record for the reasons set forth above.

Claim 6, 8, 9 and 10 include all the features of claim 5 from which they depend. Thus, claim 6, 8, 9 and 10 are also patentable over the art of record for the reasons set forth above.

Claims 2-4 and 7 include all the features of claim 1 from which they depend. Thus, claims 2-4 and 7 are also patentable over the art of record for the reasons set forth above.

Claim 11 has been amended similarly to claim 1. Thus, claim 11 is also patentable over the art of record for the reasons set forth above.

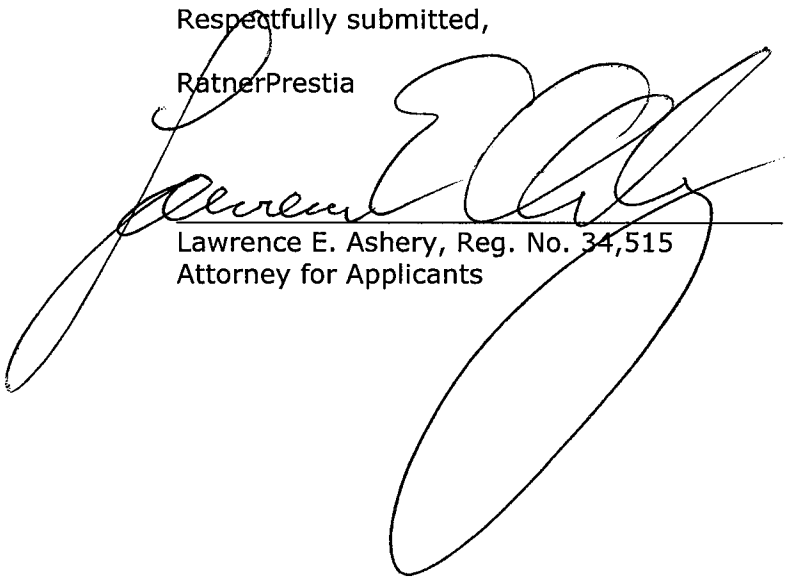
New dependent claim 12 has been added to the application. This claim recites a network interface for receiving a video signal through a network. This claim is patentable by virtue of its dependency on allowable claim 5.

... a network interface (I/F) for receiving a video signal and a whole data amount of said video signal from an external apparatus through a network.

Support for this claim can be found in the specification as originally filed at page 10, lines 10-20. No new matter has been added.

Respectfully submitted,

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